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27 DEC 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202.

Date: December 18, 2002

Brian M. Berliner

PATENT
216019-33

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Youakim et. al

Serial No.: 09/980,046

International Filing Date: June 1, 2000

Priority Date: June 1, 1999

Title: Modulation of Gene Expression in
Gastrointestinal Inflammation

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

MISSING PARTS TRANSMITTAL LETTER

BOX SEQUENCE

U.S. Patent & Trademark Office

P.O. Box 2327

Arlington, VA 22202

Sir:

In response to the Notification of Missing Requirements, dated February 14, 2002 and the Notification of Defective Response dated November 22, 2002, enclosed please find the following:

1. Copy of the Notification of the Missing Requirements
2. Copy of the Notification of the Defective Response
3. Copy of the CRF Report (processed November 7, 2002)

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December 18, 2002
Page 2

4. Re-submission of the Electronic and written copy of the sequence listing in PatentIn 3.1 format.

The sequence listing recorded and submitted herewith in computer readable form is identical to the written sequence listing submitted herewith, is substantially identical to the written copy of the sequence listing submitted in the international stage of this application, and contains no new matter.

The Commissioner of Patents is authorized to charge any amount due, or credit any overpayment, to Deposit Account No. 50-0639. A duplicate copy of this paper is enclosed.

Date: December 18, 2002

Respectfully submitted,



Brian M. Berliner
Attorney for Applicants
Registration No. 34,549

O'MELVENY & MYERS LLP
400 South Hope Street
Los Angeles, CA 90071-2899
Telephone: (213) 430-6000



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box 901
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/980,046	Youakim	216019-33

INTERNATIONAL APPLICATION NO.

PCT/US00/15191

I.A. FILING DATE	PRIORITY DATE
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06/01/2000

06/01/1999

Brian M Berliner
 O' Melveny & Myers
 400 South Hope Street
 Los Angeles, CA 90071-2899

CONFIRMATION NO. 8000

371 FORMALITIES LETTER



OC000000007464425

Date Mailed: 02/14/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

• The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."

• For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

Telephone: (703) 305-2936

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/980,046	PCT/US00/15191	216019-33



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box 901
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 09/980,046	FIRST NAMED APPLICANT Youakim	ATTY. DOCKET NO. 216019-33
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INTERNATIONAL APPLICATION NO. PCT/US00/15191

LA. FILING DATE 06/01/2000	PRIORITY DATE 06/01/1999
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Brian M Berliner
 O' Melveny & Myers
 400 South Hope Street
 Los Angeles, CA 90071-2899

CONFIRMATION NO. 8000

371 FORMALITIES LETTER



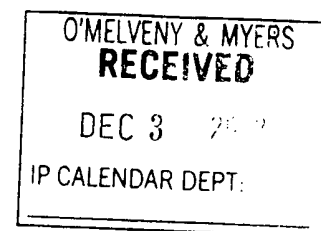
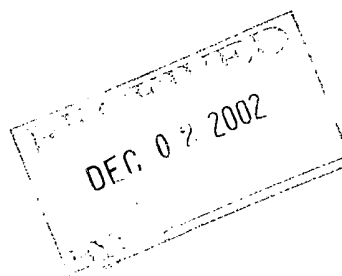
OC00000009144823

Date Mailed: 11/22/2002

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Request for Immediate Examination



Applicant's response filed 05/28/2002 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 02/14/2002 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable

form must be submitted as required by 37 CFR 1.825(d).

■ **APPLICANT MUST PROVIDE:**

- An initial or substitute computer readable form (CRF) of the "Sequence Listing."

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

Telephone: (703) 305-2936

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/980,046	PCT/US00/15191	216019-33

FORM PCT/DO/EO/916 (371 Formalities Notice)